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DPM 3081

FORM NO OSHA-20 (MODIFIED)
MAY 1971U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME AMCHEM PRODUCTS, INC.		EMERGENCY TELEPHONE NO. (215) 646-1700
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) Brookside Avenue; Ambler, Penna. 19002		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Granodine 313
CHEMICAL FAMILY	FORMULA	

SECTION II: ~~HAZARDOUS~~ INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Zinc				10-12	
Phosphoric Acid				30-40	
Nitric Acid				< 10	

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	greater than 212°F.	SPECIFIC GRAVITY (H ₂ O = 1)	1.549
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	complete		

APPEARANCE AND ODOR

Odorless, aqueous solution

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	Nonflammable	FLAMMABLE LIMITS	LeI	Uel
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS				

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

1 mg./M³ (based on phosphoric acid content)

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush immediately with large amount of water. Call a doctor.

Skin: Wash thoroughly with water. Treat as for corrosive chemicals.

Ingestion: Treat as for corrosive acids.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	

INCOMPATIBILITY (MATERIALS TO AVOID)

strong alkalis or organic materials

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Transfer remainder to a clean polyethylene lined drum. Discard broken

container and flush any residual material with plenty of water.

WASTE DISPOSAL METHOD

Adjust pH to 8.0 with lime and remove solids by filtration.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Face mask with acid mist cartridge

VENTILATION	LOCAL EXHAUST	SPECIAL
	x MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Rubber	Goggles or face shield

OTHER PROTECTIVE EQUIPMENT
Rubber apron

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, dry area. Avoid temperatures below 12°F.

OTHER PRECAUTIONS

CONFIDENTIALProprietary Information
Amchem Products, Inc.

PREPARED BY

DATE